

IN THE CLAIMS:

Please AMEND claims 39, 40, 59, and 62 as shown below.

Please ADD claims 77-83 as shown below.

1-38 (Cancelled)

39. (Currently Amended) A method for charging an account related to a terminal device of a subscriber to a first data network for a network session rendered to said terminal device when roaming in a second data network, comprising the steps of

- ~~registrating~~ registering said terminal device to said second data network,
- transmitting a network address of a first charging system related to said first data network ~~rem~~ from said first data network to said second data network,
- establishing said network session for said terminal device by said second data network,
- assessing in said second data network first charge information about said network session,
- transmitting said assessed charge information from said second data network to said network address of said first charging system, and
- calculating a charge for said network session at said first charging system using said incoming first charge information,

wherein said step of transmitting said network address of said first charging system from said first data network to said second data network is performed before said step of ~~registering~~ registering said terminal device to said second data network.

40. (Currently Amended) A method according to claim ~~43~~39, comprising the further steps of

- saving said assessed first charge information about said network session to a second charging system related to said second data network,
- calculating a charge for said network session by second charging system using said saved first charge information,
- charging said charge for said network session to a first operator of said first data network.

41. (Previously Presented) A method according to claim 40, in which said first charge information saved to said second charging system is marked with a flag indicating that said first charge information is related to a subscriber of said first data network.

42. (Previously Presented) A method according to claim 40, in which said charge is charged after termination of said network session.

43. (Previously Presented) A method according to claim 39, in which said first charge information is a bearer charge information.

44. (Previously Presented) A method according to claim 39, in which said step of assessing a first charge information in said second data network is performed in near real-time or in real-time.

45. (Previously Presented) A method according to claim 39, in which said step of transmitting said assessed first charge information from said second data network to said network address of said first charging system is performed in near real-time or in real-time.

46. (Previously Presented) A method according to claim 39, in which charging said account is performed in near real-time or in real-time.

47. (Previously Presented) A method according to claim 39, in which charging said account is performed online.

48. (Previously Presented) A method according to claim 39, further comprising a step of transmitting subscriber information from said first data network to said second data network before said step of establishing said network session.

49. (Previously Presented) A method according to claim 39, with the further steps of

- assessing first-operator charge information related to said network session using said forwarded first charge information,

- transmitting said assessed second-operator charge information to said network address of said first charging system,

and in which calculation of charge for said network session by said first charging system is performed using in addition said incoming first-operator charge information.

50. (Previously Presented) A method according to claim 49, in which the step of assessing first-operator charge information related to said network session using said forwarded first charge information is performed in near real-time or in real-time.

51. (Previously Presented) A method according to claim 49, in which the step of transmitting said assessed second-operator charge information to said network address of said first charging system is performed in near real-time or in real-time.

52. (Previously Presented) A method according to claim 39, in which said subscriber is subscribed to said first data network through a second network operator, comprising the further steps of

- transmitting and saving said network address of said first charging system from said first data network to a server related to said second operator of said first data network,

- forwarding from said first data network to said server said first charge information received from said second data network,

- assessing second-operator charge information related to said network session using said forwarded first charge information,

- transmitting said assessed second-operator charge information to said network address of said first charging system,

and in which calculation of charge for said network session by said first charging system is performed using in addition said incoming second-operator charge information.

53. (Previously Presented) A method according to claim 52, comprising the further step of transmitting said assessed operator charge information from said server to a third charging system related to said second operator.

54. (Previously Presented) A method according to claim 53, in which said operator charge is charged after termination of said session by said third charging system to said first operator of said first data network.

55. (Previously Presented) A method according to claim 39 in which said account charged is a prepaid account.

56. (Previously Presented) A method according to claim 39 in which said steps of calculation of a charge for said network session by said first charging system using said incoming first charge information and charging said account are performed in real-time.

57. (Previously Presented) A method according to claim 39 in which said network session is established between said terminal device and a station in a third data network, which station is, regarding said network session, an originating or a terminating station.

58. (Previously Presented) A method according to claim 48 comprising, before said step of establishing said network session between terminal device in said second data network and said station in said third data network, a further step of establishing a control network session between said terminal device and said station, which control network session is routed through a first network control node related to said first data network.

59. (Currently Amended) A method according to claim ~~49~~58 in which said first charge information is transmitted via said control network session.

60. (Previously Presented) A method according to claim 39, in which at least one of said data networks is a radio data network.

61. (Previously Presented) A method according to claim 52, in which said data networks are packet switched radio data networks.

62. (Currently Amended) A network system comprising

- a first data network,
- at least one second data network,
- a first-network charging system related to said first data network, and
- a first terminal device subscribed to said first data network, wherein
- said first data network has a first-network service assessment system communicating with a second-network service assessment system in said second data network and adapted to transmit a network address of said first-network charging system to said second-network service assessment system, and
- said second-network service assessment system is adapted to assess and to transmit first charge information during said network session to said first-network charging system using said network address,

wherein said first-network service assessment system is additionally adapted to performing said step of transmitting said network address of said first charging system

from said first data network to said second data network before a step of ~~registrating~~
registering said first terminal device to said second data network.

63. (Previously Presented) A network system according to claim 62, comprising in addition a second-network charging system related to said second network and communicating with said second-network service assessment system, in which said second-network service assessment system is additionally adapted to transmit said first charge information about said network session to said second-network charging system.

64. (Previously Presented) A network system according to claim 62, comprising a second-network session control system adapted to establish and maintain a network session between the first network station and a terminating or an originating second network station.

65. (Previously Presented) A network system according to claim 62, in which, to perform said transmission of said first charge information from said second-network service assessment system to said first-network charging system, said second-network session control system is additionally adapted to transmit said first charge information to said first-network session control system, and said first-network control system is additionally adapted to transmit said received first charge information to said first-network charging system.

66. (Previously Presented) A network system according to claim 62, in which the first-network charging system is adapted to transforming balance information related to the first network station, the transformation depending on the balance information and on the incoming first charge information related to said first network station.

67. (Previously Presented) A network system according to claim 66, in which the first-network charging system is adapted to perform said transformation in near real-time or real-time.

68. (Previously Presented) A network system according to claim 62, in which said second-network service assessment system is adapted to assess and to transmit in near real-time or real-time said first charge information during said network session to said first-network charging system using said network address.

69. (Previously Presented) A network system according to claim 62, in which said first charge information is a bearer charger information.

70. (Previously Presented) A network system according to claim 62, in which said first-network session control system is additionally adapted to assess during said network session and to transmit to said first-network charging system first-operator charge information depending on said received charge information, and in which said

first-network charging system is adapted to transform said balance information in additional dependence of said incoming first-operator charge information.

71. (Previously Presented) A network system according to claim 62, which additionally comprises a second-operator server which is related to said first data network and communicates with said first-network call session control system, and which is adapted to assess second-operator charge information related to said network session using said first charge information and to transmit said second-operator charge information to said first-network charging system, and in which said first-network charging system is adapted to transform said balance information in additional dependence of said incoming second-operator charge information.

72. (Previously Presented) A network system according to claim 71, comprising in addition a second-operator charge system related to said first data network and communicating with said second-operator server, in which said second-operator server is additionally adapted to transmit second-operator charge information about said network session to said second-network charge system.

73. (Previously Presented) A network system according to claim 62 in which the first charging system is adapted to apply a real-time transformation algorithm to said types of incoming charge information.

74. (Previously Presented) A network system according to claim 62, in which said first and second networks are GPRS Public Land Mobile Networks.

75. (Previously Presented) A network system according to claim 74, in which said second-network session control system comprises a serving GPRS support node (SGSN), a GPRS Internet Protocol backbone, and a Gateway GPRS support node (GGSN).

76. (Previously Presented) A network system according to claim 75 in which said second-network service assessment system is integrated into said SGSN.

77. (New) A second-network service assessment system in a second data network, the second-network service assessment system comprising:

a receiver configured to receive a network address of a first-network charging system from a first-network service assessment system in a first data network;

an assessor configured to assess first charge information; and

a transmitter configured to transmit the first charge information during a network session to the first-network charging system using the network address,

wherein the receiver is further configured to receive the network address of the first charging system before a first terminal device has been registered to the second data network, and

wherein communications between the second-network service assessment system and first-network service assessment system are related to a registration of the first terminal device to the second data network.

78. (New) The second-network service assessment system according to claim 77, wherein the receiver and the transmitter are configured to communicate with a second-network charging system related to the second network, and

wherein the transmitter is further configured to transmit the first charge information about the network session to the second-network charging system.

79. (New) The second-network service assessment system according to claim 77, wherein the second-network service assessment system is configured to assess and to transmit in near real-time or real-time the first charge information during the network session to the first-network charging system using the network address.

80. (New) The second-network service assessment system according to claim 77, wherein the second-network service assessment system is integrated into an SGSN.

81. (New) A method for charging an account related to a first terminal device of a subscriber to a first data network for a network session rendered to the first terminal device when roaming in a second data network, the method comprising:

receiving, by a second-network service assessment system in the second data network, a network address of a first-network charging system from a first-network service assessment system in the first data network;

assessing, by the second-network service assessment system, the first charge information; and

transmitting, by the second-network service assessment system, the first charge information during a network session to the first-network charging system using the network address.

82. (New) The method according to claim 81, further comprising communicating, by the second-network service assessment system, with a second-network charging system related to the second network, and

transmitting, by the second-network service assessment system, the first charge information about the network session to the second-network charging system.

83. (New) The method according to claim 82, wherein the assessing and the transmitting the first charge information occur in near real-time or real-time, and wherein

the receiving the network address of the first charging system occurs before the first terminal device has been registered to the second data network.